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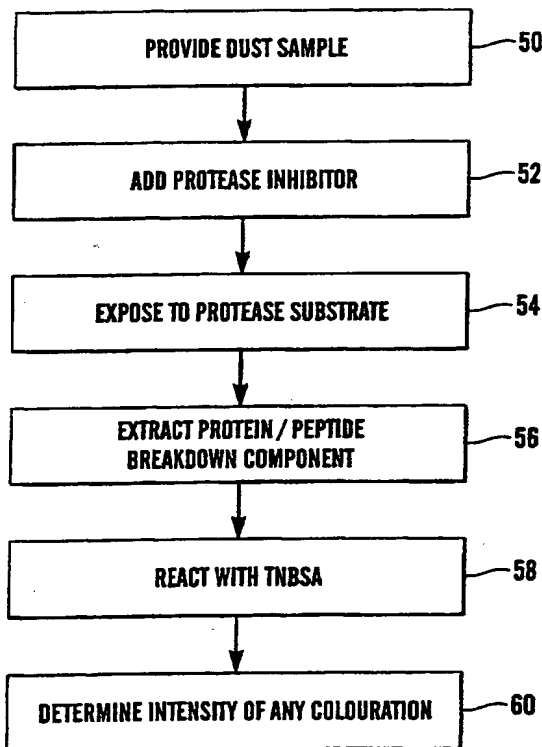
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(54) Title: ALLERGEN DETECTION



(57) Abstract: A method of determining allergen activity in dust comprises: providing a dust sample; extracting from the dust sample at least one breakdown component or proteins or peptides; reacting the extracted at least one breakdown component with a colorimetric amine detection reagent such as TNBSA; and quantitatively measuring the intensity of any resulting coloration. The allergen activity may be gauged by the intensity of coloration.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01N31/22 C12Q1/37 G01N33/68

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, FSTA, INSPEC, COMPENDEX, BIOSIS, EMBASE, MEDLINE

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	WO 99 10736 A (WHITE STEPHEN ;UNIV CRANFIELD (GB); TURNER ANTHONY PETER FRANCIS () 4 March 1999 (1999-03-04) page 1, line 3 - line 25 page 4, line 13 -page 5, line 32 examples 1,4,6 ----	1,2, 4-12,16, 18,19, 21-25, 27-30, 34,35
Y	DATABASE WPI Section Ch, Week 198537 Derwent Publications Ltd., London, GB; Class A96, AN 1985-226925 XP002150017 & JP 60 147651 A (SEKISUI CHEM IND CO LTD) , 3 August 1985 (1985-08-03) abstract ----- -/--	1,2, 4-12,16, 18,19, 21-25, 27-30, 34,35

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	<p>WO 96 30764 A (VORWERK CO INTERHOLDING ;POCH HEIKE (DE); SAUER RALF (DE); SINCLAI) 3 October 1996 (1996-10-03)</p> <p>abstract page 1, line 1 - line 24 page 2, line 47 -page 3, line 88 -----</p>	<p>1,6, 8-13, 21-23, 27-32,34</p>
Y	<p>CAYOT P., TAINTURIER G.: "The Quantification of Protein Amino Groups by the Trinitrobenzenesulfonic Acid method: A Reexamination" ANALYTICAL BIOCHEMISTRY, vol. 249, 1997, pages 184-200, XP002150016 abstract page 185, right-hand column, paragraph 2 -----</p>	<p>1,6, 8-13, 21-23, 27-32,34</p>

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